

Science Program 2006 Focused PSP Technical Selection Panel Funding Recommendations

Topic 1 - Environmental Water

#	PI	Reco Fund	Title
42	Stacey	\$390,869	A Calibration-Free Approach to Modeling Delta Flows and Transport
68	Castillo	\$670,000	An Experimental and Modeling Approach to Evaluate Environmental Water Effects on Threatened Delta Smelt
70	Torres	\$790,000	A Non-Point Source of Contaminants to the Estuarine Food Web.
3 Proposals		\$1,850,869	

Topic 2 - Aquatic Invasive (Exotic) Species

#	PI	Reco Fund	Title
26	May	\$430,870	Predicting the Effects of Invasive Hydrozoa (Jellyfish) on Pelagic Organisms Under Changing Salinity and Temperature Regimes
53	Stacey	\$200,975	The Transport and Dispersion of Rafting Vegetation in the Sacramento-San Joaquin Delta
78	Messer	\$219,822	Analysis of Archived Samples to Assess Patterns of Historic Invasive Bivalve Biomass
3 Proposals		\$851,667	

Topic 3 - Trends and Patterns of Populations and System Response to a Changing Environment

#	PI	Reco Fund	Title
22	Cloern	\$299,422	TROUBLE? Trends of Rising and Unexpected Bloom Levels in the Estuary
40	Parker	\$646,848	Climate Change Impacts to San Francisco Bay-Delta Wetlands: Links to Pelagic Food Webs and Predictive Responses Based on Landscape Modeling
84	Brandes	\$483,903	Estimating Juvenile Chinook Salmon Spring and Winter Run Abundance at Chipps Island
3 Proposals		\$1,430,173	

Topic 4 - Habitat Availability and Response to Change

#	PI	Reco Fund	Title
25	Kueltz	\$700,000	Quantitative Indicators and Life History Implications of Environmental Stress on Sturgeon
28	Guerin	\$116,927	The Consequences of Operational Decisions on Water Quality: Reconciling Delta Smelt, Salmon, and Human Needs
56	Lehman	\$150,000	Using FlowCAM Technology to Measure High Frequency Spatial and Temporal Variation in Phytoplankton and Zooplankton Species Composition and Develop State-of-the-Art Plankton Monitoring Programs
60	Messer	\$395,700	Spatial and Temporal Quantification of Pesticide Loadings to the Sacramento River, San Joaquin River, and Bay-Delta to Guide Risk Assessment for Sensitive Species
65	Dugdale	\$500,000	Do Low Phytoplankton Growth Rates Signal the "Bad" Habitat Conditions in Suisun Bay Driving the Pelagic Organism Decline
5 Proposals		\$1,862,627	

Total Proposals: 14

Total Funds Recommended: \$5,995,336